| Index of Claims |  |
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Application No.

Applicant(s)

10/812,319

MAJEWSKI, THOMAS A.

Examiner

Art Unit

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| Cla      | aim      |              |  |              | [            | Date   | е        |  |                     |          | Cla  | im       |                       |               |               | ate      |                 |          | ]:::[  | CI              | aim        |          |               |                 | Dá        | ate     |              |          |                 |
|----------|----------|--------------|--|--------------|--------------|--|----------|--|---------------------|----------|--|----------|-----------------------|---------------|---------------|----------|-----------------|----------|--------|-----------------|------------|----------|---------------|-----------------|-----------|---------|--------------|----------|-----------------|
|          | 7        | _            | П  |              |              |  |          |  |                     | 1        |  | al       |                       |               |               |          |                 |          |        |                 | <u></u>    |          |               |                 |           |         |              |          |                 |
| Final    | Original | 7/27/04      |  |              |              |  |          | 1  |                     |          | Final  | Original |                       | 1             | 1 1           |          |                 |          |        | Final           | Original   |          |               |                 |           |         |              |          |                 |
| iĒ       | ΞĘ       | 112          |  |              |              |  |          |  | -                   |          | ιΞ   | )riç     |                       |               | 1 1           |          |                 |          |        | ίĽ              | iğ         |          |               |                 | ı         | 1       |              |          |                 |
|          | )        |              |  |              |              |  |          |  |                     |          |  |          |                       |               | Ш             |          | $\perp$         |          |        |                 | 1          |          |               | ┸               | _         |         |              |          |                 |
| 1        | 1        | =            |  |              |              |  | Ш        | Ш  |                     |          |  | 51       |                       | $\bot$        | $\perp \perp$ |          | Ш               |          | _      |                 | 101        |          | _             | $\perp$         | $\perp$   |         | <del> </del> |          | _               |
| 2        | 2        | =            |  |              |              |  |          |  |                     | _        |  | 52       |                       | $\perp$       | Ш             |          | $\perp \perp$   |          | _ :::: |                 | 102        |          | _             | _               | $\perp$   | $\perp$ | <u> </u>     |          | _               |
| 3        | 3        | =            |  |              |              |  |          |  |                     | _        |  | 53       |                       | $\perp$       | Ш             |          | $\perp$         |          | _      |                 | 103        |          |               | 4               | 4         | 4       | 1_           |          | _               |
| 4        | 4        | =            |  |              |              |  |          | Ш  |                     |          |  | 54       |                       |               |               |          |                 |          | _ :::: |                 | 104        |          |               | _               | _         |         | 4_           |          | _               |
| 5        | 5        |              |  |              |              |  | Ш        | Ш  |                     |          |  | 55       |                       |               | $\sqcup$      |          | _               |          | 4      |                 | 105        |          |               | 4               | $\perp$   | $\bot$  | ┷            | _        | _               |
| 6        | 6        | =            |  | _            |              |  | Ш        | <u> </u>   | _                   |          |  | 56       |                       |               | $\sqcup$      | _        | $\perp \perp$   |          | _ :::: |                 | 106        |          | _             | 4               | - -       | - -     |              |          | _               |
| 7        | 7        | ▝            |  |              |              |  | Ш        |  |                     | _        |  | 57       |                       |               | $\sqcup$      |          | $\perp$         |          | 4:::   |                 | 107        | _        | _             | 4               | +         | 4       |              |          | _               |
| 8        | 8        | =            | Ш  |              |              |  |          | $\sqcup$   |                     | _        |  | 58       |                       |               | $\vdash$      | _        | -               | _ _      | 4::::  |                 | 108        | _        | $\perp$       | _               | +         | +-      | +-           | Н        | $\dashv$        |
| 9        | 9        | =            |  |              |              |  | Ш        | $\sqcup$   |                     | _        |  | 59       |                       | _             | $\sqcup$      | -        |                 | -        | 4      |                 | 109        | _        | -             | 4               | +         | +-      | +-           | Н        | $\dashv$        |
| 10       | 10       | =            | Ш  | _            |              |  |          | $\sqcup$   |                     | 4        |  | 60       |                       |               | $\bot$        | -        | +               |          | 4      |                 | 110        | _        | -             | -               |           | -       |              | Н        |                 |
|          | 11       | _            | $\sqcup$   | _            |              | lacksquare                                       | Ш        | $\sqcup$   |                     | 4        | L  | 61       | $\sqcup \!\!\! \perp$ |               | -             |          | +               |          | 4      |                 | 111        | -        | $\perp \perp$ | +               | - -       |         | +            | $\vdash$ | $\Box$          |
|          | 12       | _            | 니  | _            |              | <u> </u>   | Ш        |  |                     | 4        |  | 62       |                       | -             | +             | $\perp$  | +               |          | 4::::  |                 | 112        | $\vdash$ | <u> </u>      | _               | +         | +       | +            | Н        | _               |
| L        | 13       | <u> </u>     | Ш  | _            | _            | <u> </u>   | Ш        | $\sqcup$   |                     | 4::::    |  | 63       | igspace               |               | -             | $\dashv$ | $\dashv$        | - -      | 4::::  |                 | 113        | Н        | $\vdash$      |                 |           | +       | +            | -        |                 |
|          | 14       | <u> </u>     | Ш  | _            |              | ļ  | Ш        | $\sqcup$   |                     | 4        |  | 64       | $\vdash$              | -             | -             | +        | +               |          | 4      |                 | 114        | Н        | $\vdash$      | -               |           | +       | +            | $\vdash$ |                 |
|          | 15       | <u> </u>     | Ш  | _            |              | _  | Ш        | $\sqcup$   | <u> </u>            | 4        | <u> </u>   | 65       | $\vdash$              | +             | $\vdash$      | $\dashv$ | +               |          | -      |                 | 115        | Н        | $\vdash$      |                 | -         | +       | +            | $\vdash$ | -               |
|          | 16       | <u> _</u>    | $\sqcup$   | _            |              | <b> </b> _                                       | Щ        | $\sqcup$   |                     | 4        | <u> </u>   | 66       | $\vdash$              | +             | 1-4           |          | +               |          | -      |                 | 116        | Н        | $\vdash$      | _               |           | +       | +            | $\vdash$ |                 |
|          | 17       | <u> </u>     | $\square$  | _            |              | _  | Ш        | $\sqcup$   |                     | 4        |  | 67       |                       | - -           | -             | -        | $\dashv$        |          | 4      |                 | 117        | $\vdash$ | $\vdash$      | -               | +         | +       | +            | $\vdash$ | $\dashv$        |
| <b></b>  | 18       |              |  | _            |              |  |          | $\sqcup$   |                     | 4::::    |  | 68       | $\vdash$              | -             |               | _        | +               |          | -      |                 | 118        |          | $\vdash$      | +               | -         | +       | -            | $\vdash$ | -               |
| <u> </u> | 19       | _            |  | _            | _            | _  |          | $\sqcup$   | _                   | 4        | <u> </u>   | 69       | $\vdash$              |               | -             | _        | -               |          | -      |                 | 119        |          | -             | -               | +         | +       | ╄            | H        | $\dashv$        |
|          | 20       | _            |  |              | _            | _  | Ш        | $\sqcup$   |                     | 4        | <u> </u>   | 70       | $\vdash$              |               | +-+           | +        |                 |          | -      |                 | 120        |          |               | +               | +         | +       | +-           | H        | Н               |
| <u></u>  | 21       |              | Ш  |              |              | _  | Ш        | $\sqcup$   | _                   | 4        |  | 71       | $\vdash$              |               | $\vdash$      | -        | +               | _        | 4::::  |                 | 121        | <u> </u> | -             | +               | +         | +       | 4—           | $\vdash$ | $\dashv$        |
|          | 22       | <u> </u>     | _  |              | _            | _  | Ш        | $\vdash$   | _                   | 4:::     |  | 72       |                       | _             | $\vdash$      |          |                 | _        | -      |                 | 122        | _        |               | +               | +         |         | +            |          |                 |
|          | 23       | _            | _  |              |              | _  |          | $\sqcup$   | _                   | - :::    |  | 73       | $\vdash$              | +             | +             |          | +               |          | - :::  |                 | 123        |          | $\vdash$      | -               | -         | +       | +            | -        | $\dashv$        |
| <u> </u> | 24       | _            | -  |              |              | <u> </u>   | <u></u>  | $\vdash$   | +                   | - ::::   |  | 74       | -                     | +             | +-            |          | + 1             |          | -      |                 | 124<br>125 | $\vdash$ | +             | +               | +         | +       | +            | -        | $\dashv$        |
|          | 25       | <u> </u>     | Н  |              |              | -  |          | $\vdash$   | _                   |          |  | 75       | $\vdash$              | +             | ╂╌┤           |          |                 |          | -      |                 | 126        | $\vdash$ | $\vdash$      | +               | +         | +       | +            | <u> </u> | $\dashv$        |
|          | 26       | _            |  |              |              | _  | L        |  | -                   | -        |  | 76       | $\vdash \vdash$       |               |               | -        |                 |          | - :::  |                 | 127        |          |               | -+              | +         | +       | +-           | $\vdash$ | $\dashv$        |
|          | 27       | _            | Н  | $\Box$       |              | <u> </u>   | <u> </u> | -  |                     | -        |  | 77       | ┝╼┿                   |               | +             | $\dashv$ | +               |          |        |                 | 128        | -        | $\vdash$      | +               | +         | ╫       | +-           |          | $\dashv$        |
|          | 28       | -            | Н  |              | _            | _  | ⊢        | -  |                     | -        |  | 78<br>79 | $\vdash$              | +             | +             |          |                 | _        | -      | _               | 129        | -        |               | +               | +         | ┰       | ┿            |          | $\dashv$        |
|          | 29       | <u> </u>     | Н  |              | -            |  |          | $\vdash$   | -+-                 | -        | <del></del>                                      | 80       | $\vdash$              |               | +             | +        |                 |          | -      |                 | 130        | $\vdash$ | -             | +               | +         | ╁       | ╅            |          | Н               |
|          | 30       | -            | H  |              | _            | _  |          | $\vdash$   |                     | - :::    |  | 81       | $\vdash$              |               | ╂┈╂           | $\dashv$ | $\dashv \dashv$ |          | -      |                 | 131        |          |               | +               | +         | ╅       | +-           |          | Н               |
|          | 31       |              | H  | _            | -            | ⊢  | $\vdash$ | $\vdash$   |                     | -        |  | 82       | $\vdash$              | +-            | ╂╌┨           | -+-      |                 |          | -      |                 | 132        |          | ┝╍┼           | +               | +         | +       | ╁            |          | $\dashv$        |
|          | 32       | <del> </del> | ╁  |              | _            | -  |          | -  |                     | - ::::   |  | 83       | -                     | +             | +             | -        | +               |          | -      |                 | 133        |          | -             | $\dashv$        | +         | ╫       |              |          | H               |
| -        | 33<br>34 | $\vdash$     | -  | -            | <u> </u>     | -  | -        | -  |                     | -        | <del> </del>                                     | 84       | -                     | +             | +             | +        | +               |          | ┨᠁     | <del> </del>    | 134        |          | $\vdash$      | +               | +         | +       | +            | $\vdash$ | $\vdash \vdash$ |
| -        | 35       | ├            | $\vdash$   |              | -            | -  | $\vdash$ | $\vdash$   | +                   | -        | $\vdash$   | 85       | <del>   </del>        |               | +-            | +        | +               |          | ٦      | $\vdash \vdash$ | 135        | $\vdash$ | $\vdash$      | ┰               | +         | +       | +            | $\vdash$ | $\vdash$        |
| $\vdash$ | 36       | $\vdash$     | $\vdash$   |              | _            | -  |          | <del>                                     </del> | -                   | -        | -  | 86       | $\vdash$              | ┥             | $\vdash$      | $\dashv$ | +               | +        | 1      | <u> </u>        | 136        | -        | -             | $\dashv$        | +         | +       | +            | $\vdash$ | $\vdash$        |
|          | 37       | -            | $\vdash$   |              | -            | ├-   | $\vdash$ | $\vdash$   | +                   | Ⅎ        | <b>—</b>   | 87       |                       | +             | +             | +        |                 | $\vdash$ | 1      |                 | 137        | _        | $\vdash$      | $\dashv$        | 十         | +       | 1            |          | $\vdash$        |
|          | 38       | -            | $\vdash$   |              | -            | $\vdash$   | $\vdash$ | $\vdash$   | $\dashv$            | -        | <del>                                     </del> | 88       | $\vdash$              | +-            | 1             | $\dashv$ | $\dashv \dashv$ |          | ┨:::   |                 | 138        |          | $\vdash$      | $\dashv$        | $\top$    | 十       | $\top$       |          |                 |
| -        | 39       | -            | $\vdash$   |              | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   |                     | -        | <del> </del>                                     | 89       | - -                   | +-            | H             | 十        | +               | $\vdash$ | ┨      | $\vdash$        | 139        |          | $\vdash$      | $\dashv$        | $\dashv$  | +       | +            | T        | Н               |
| <b>-</b> | 40       |              |  |              | $\vdash$     | 一  | 1-       |  | $\dashv$            | -        |  | 90       | <del>   </del>        | +             | +             | 十        | $\dashv \dashv$ | $\vdash$ | 1      |                 | 140        | 1        | $\vdash$      | $\dashv$        | 十         | 十       | $\top$       | Г        | $\vdash$        |
| <b> </b> | 41       | -            | -  |              | $\vdash$     | ╁  | $\vdash$ | $\vdash$   |                     | ۱::      | $\vdash$   | 91       |                       | +             | +             | $\dashv$ | +               |          | 1      | <b>—</b>        | 141        |          | $\Box$        | 十               | 十         | T       | T            | T        | $\Box$          |
| -        | 42       | -            | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$ |  | $\dashv$            | 7        | $\vdash$   | 92       | $\vdash \vdash$       | +             | +             | $\dashv$ | $\top$          | $\vdash$ | 1      |                 | 142        | <u> </u> | $\Box$        | $\dashv$        | +         | 十       | +            | T        | $\Box$          |
| <u> </u> | 43       | $\vdash$     |  | H            | ┢            | <del>                                     </del> | T        | $\vdash$   |                     | 1        |  | 93       | -                     | $\dashv$      | $\Box$        |          | $\dashv$        |          | 7      |                 | 143        | $\vdash$ | $\vdash$      | $\dashv$        | $\top$    | +       | $\top$       |          | П               |
| $\vdash$ | 44       | T            | $\vdash$   | $\vdash$     | ┢            | <del>                                     </del> | $\vdash$ | 1  | $\neg \vdash$       | 7        | <b></b>  | 94       |                       |               | $\top$        | 7        | $\top$          | -        | ٦      |                 | 144        |          | $\Box$        | 寸               | $\top$    | 7       | 1            | Γ        | П               |
|          | 45       | T            | $\vdash$   | _            | $\vdash$     | <del> </del>                                     | $\vdash$ | $\vdash$   | $\neg \dagger \neg$ | <b>-</b> |  | 95       | $\vdash$              | 1             | $\top$        |          |                 |          | 7      | <u> </u>        | 145        |          |               | $\neg$          | 一         | $\top$  | T            |          | П               |
| $\vdash$ | 46       | 1            | $\vdash$   | $\vdash$     | H            |  | +-       | $\vdash$   | _                   | 1        |  | 96       |                       |               |               | $\dashv$ |                 |          | 7      | l               | 146        |          |               | op              | $\neg$    | $\top$  | 1            |          | М               |
|          | 47       | 1            | T  |              | <del> </del> | $t^-$  | †        | Н  | $\dashv$            | 7        |  | 97       | $\sqcap$              | $\top$        | $\top$        | 十        |                 |          | 7      |                 | 147        |          | $\sqcap$      | $\neg \uparrow$ | $\top$    | $\neg$  | $\top$       | Т        | П               |
|          | 48       | T            | <del>                                     </del> | <del> </del> | T            | 1  | $\vdash$ | T  | -                   | 7        |  | 98       |                       | _             |               | $\dashv$ |                 |          |        |                 | 148        |          |               | $\dashv$        | $\top$    | $\neg$  | 7            | T        | М               |
|          | 49       | $\vdash$     | †  | $\vdash$     | Г            | 1  | 1        | $\Box$   | $\dashv$            | ٦        |  | 99       |                       |               | П             | $\top$   | $\Box$          |          | 7::::  |                 | 149        | Т        |               |                 | $_{ m T}$ |         |              |          |                 |
|          | 50       | T            | T  |              | _            |  | T        |  |                     | 1        |  | 100      |                       | $\neg \vdash$ |               | $\top$   |                 |          |        |                 | 150        |          |               |                 | $\Box$    | $\Box$  | T            | Π        |                 |
|          | 1 30     |              |  |              | ш            | 1  | —        |  |                     |          |  |          |                       |               |               |          |                 |          |        | <b></b>         |            | L        |               |                 |           |         |              | •        | _               |